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Impression Meisterstück



The Meisterstueck is a german lighting masterpeace designed by designers. It´s based on the desire for a better quality beam and an uncompromising attitude to color.

First, there are no tell-tale multiple lenses and reflectors to look at – just a single, rather conventional-looking Fresnel lens. Then, we managed to overcome one of the main obstacles to using LED lighting in professional applications: the tendency of LED to cast split color

shadows from multiple sources. Instead, the Meisterstück projects just one evenly mixed color at a time. No visible diodes, no pixels, and absolutely no split-color shadows.

Director Mark Ravenhill explains: “GLP want to get to the core of what customers actually need. We’re trying to exploit all the advantages of LED without compromising one bit on artistic integrity.”

“This is the first time we have developed a luminaire in response to such a strict set of requirements from lighting designers,” added Head of R&D Markus Salm. “We are really proud of our Meisterstück — and in keeping with the impression’s unique design template, have managed to make it baseless. Having said that, there’s still always room for improvement and we’re looking forward to making even better luminaires for the future.”

- 650W LED (RGBW) Fresnel moving light for TV and theatre
- Single, uniform beam - no multiple LED reflectors
- Uncompromising color-mixing - no more split-color shadows
- Excellent white light quality with variable color temperature
- Variable zoom 7 to 28 degrees
- LED benefits: robust, long-life, low power, high efficiency, low weight
- No bulky base - small and unobtrusive
- Lower maintenance - no vulnerable lamps, color filters, reflectors, starters and ballasts



Impression XL



Lightsource

Additive color mixing
240 Luxeon K2 High performance LEDs
Average service life: 50.000 h

RGB version

78 red, 84 green, 78 blue LEDs per color, wave lengths are optimized for maximum visible color gamut

White version:

warmwhite: 160 warmwhite LEDs, 80 coldwhite LEDs
coldwhite: 80 warmwhite LEDs, 160 coldwhite LEDs
allow continuously adjustable color temperature

Movement

high precision stepping motor control
8 or 16 Bit resolution selectable
maximum speed: 660° Pan, 330° Tilt,
Position Feedback

Control

DMX-512 protocol
backlit graphic-LCD
2 illuminated buttons
scrollwheel
very quiet, temperature controlled ventilation system
convection cooling possible if needed
overtemperature protection
color calibration feature
internal color-presets

Connectors

DMX: XLR 3 pin (in/out)
DMX: XLR 5 pin (in/out)
Ethernet
Mains voltage: Powercon

Operation parameters

Mains voltage: 100 - 240V, 50-60Hz
power consumption: 1200VA
Maximum ambient temperature 45°C

Weight

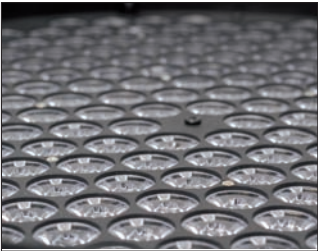
23,5kg

Dimensions

550 x 515 x 200mm

Housing Colors

Black (other colors on request)



Impression



impression®

Light source:
Additive color mixing
90 Luxeon K2 high power LEDs
Average service life: 50.000 h

RGB version:
30 LEDs per color, wave lengths are
optimized for maximum visible color gamut

White version:
warmwhite: 60 warmwhite LEDs, 30 coldwhite LEDs
coldwhite: 30 warmwhite LEDs, 60 coldwhite LEDs
allow continuously adjustable color temperature

Optical system:
highly efficient collimator cluster
interchangeable lens carrier with
10° beam angle (25° optional)
integrated stray light screen

Movement:
high precision stepping motor control
8 or 16 Bit resolution selectable
maximum speed: 660° Pan in 2sec, 300° Tilt in 1sec,
Position - Feedback

Control:
DMX-512 protocol
backlit graphic-LCD
4 illuminated buttons
very quiet, temperature controlled
ventilation system
convection cooling possible if needed
overtemperature protection
color calibration feature
internal color-presets

Connectors:
DMX: XLR 3 pin
Mains voltage: Powercon

Operation parameters:
Mains voltage: 100 - 240V, 50-60Hz, 350VA
Maximum ambient temperature: 45°C
Orientation: any

Mechanical data:
Weight: 7,5Kg
Size: (height x length x width) 370x340x145mm

Flexible mounting concept:
upright : tripod with brackets for ratchet belt
hanging (vertical): M10 nut with lockable
installation position for a halfcoupler,
hanging (horizontal): adjustable bar
for sideward truss installation (optional),
2 attachment points for safety wire

Colors of box:
black, silver, white

Special version:
model for integrated installation in
raster panel ceilings



chrome white black silver static



integrated

Impression Laser



The new impression laser is based on latest laser technology released in march 2008. This new technology made it possible to integrate the laser sources into an innovative moving head housing with a total whitelight output of 1.2W. The color balance is just 4nm (0.03y)

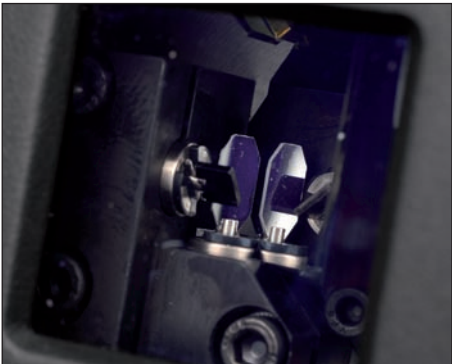
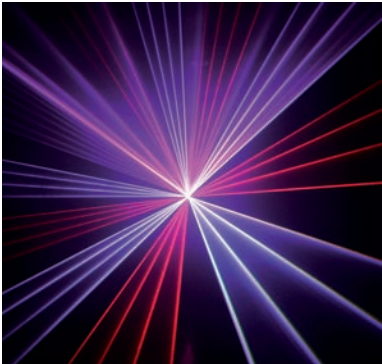
away from the absolute white balance point according to CIEL color palette. Each color source is individually temperature stabilized and adjusted to a specific wavelength. The scanning unit integrated in the head is the fastest and smallest available on the market.

The internal controller with a memory card can be controlled by 16 DMX channels and is capable to store 432 cues in 128MB Flashmemory.

Laser class: 4
Laser technology: solid state
Red: 636nm
Green: 532nm
Blue: 446nm
Divergency: 0.8mrad
Beam diameter: 2.2mm
Max. output at laser source: 1500mW
Max. output at laser aperture: 1200mW

Controller: Pangolin compatible playback system
Scanning unit: CT 6210H Cambridge technology
Scanspeed controller: 30kps
Scanspeed: 60kps
Scanning unit: 50° optical
Scanning angle: 50° optical
Power consumption: <100W@230Vac , <110W@110Vac
Approval: CE , EN 60825-1 classified, EN 60825-2 conform

Movement: high precision stepping motor control
8 or 16 Bit resolution selectable
speed: 660° Pan in 2sec, 300° Tilt in 1sec
Position Feedback
Installation height: > 3mtr.
Safety Issues: Emergency stop switch to cut the mains to the laser
Keyswitch (at emergency stop)
No movement with beams below 3mtr.





wash

Power supply
Power consumption 180 VA (Watt)
Power Input ~100 - 240V AC, 50-60 Hz (wide range input)
Fuse protection Micro fuse 5x20mm, T 4A

Operational Parameters
Max. Ambient 45°C (integrated overheating switch)
Temperature
Mounting position fully operational whether it hangs or is mounted to the wall. It can also be operated while standing on the floor.

Lighting System - Additive Color mixing
LED Type 60x Luxeon Rebel High - Power - LEDs
Lifetime 50.000h

RGB Model
21 Green LEDs, 21 blue LEDs, 18 Red LEDs,
wavelength optimized for a maximum
presentable color space

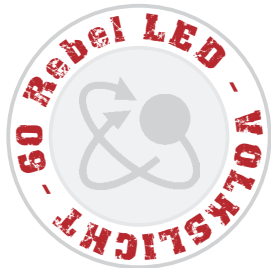
White Model
42 cold white LEDs, 18 warm white LEDs
allow a continuously adjustable color temperature

Optical System
Exchangeable optical carrier with
11° light distribution angle (24° optional)

Shutter / Dimmer
Strobe - Effect with variable speed
between 1 - 10 flashes per second, Random - Strobe,
Pulse Effects
Continuous Dimmer 0 - 100%

DMX Control
Standard USITT DMX-512,
3 pole XLR; [+] = Pin 3 [-] = Pin 2 [Ground] = Pin 1.
DMX- Addressing starts at the DMX channel [001].

Weights and Measures
Width: 270mm
Length: 285mm
Height : 355mm
Weight: ~ 8 kg



Ypoc 700 CMY



spot

Ypoc 700 CMY

Source: Lamp: MSR 700 SA/2 DE Philips/750h Color temp: 7500 K Philips Luminous flux: 59.000 lm		Focus: 2 m - infinity (motorized) 16 bit resolution	<ul style="list-style-type: none">- Temperaturecontrol- Testmode, Audiomode- Manual control of all functions- DMX-Input value readout
Electronic Ballast 100-240 V/50-60 Hz 900 W		Zoom: 14° - 32° 16 bit resolution	
Weight and dimension: Dim / Weight: 490 x 380 x 646 mm / 28,5 kg		Frost: variable frost 0-100% Prism: rotating and indexable 3-facet prism slow to very fast rotation, interchangeable, 16 bit resolution	
Electromechanical effects: Pan: 540° 16bit (position feedback) Tilt: 280° 16bit (position feedback) Gobowheel 1: 1x glass gobos and 6x metal gobos rotating and indexable + open Quick-Snap-System for an easy gobo exchange, 16 bit resolution		Dimmer: mechanical dimmer 0-100% 16 bit resolution	
Gobowheel 2: 9 static metal gobos + open Colorwheel 1: 8 dichroic color filters + white 9 bicolors slow rotation to fast rainbow effect all color filters interchangeable 16 bit resolution		Shutter: mechanical high-speed shutter 0-10Hz	Programming: <ul style="list-style-type: none">- Internal movements- additional speed control for Pan/Tilt- Random strobe- Pulse effects- Colorchaser- Goboshake- Master-Slave function- Audiomode with different homepositions and different sizes- When the DMX-signal is lost the audiomode can be switched on automatically if required
CMY color mixing system: Cyan-filter 0-100% Magenta-filter 0-100% Yellow-filter 0-100% 16 bit resolution		Optical system: Projection angle: 14° - 32° Optics: high quality and coated zoom- and focus lens dichroic coated glass reflector	
CTO-filter: variable CTO-filter 0-100% (3200K) 16 bit resolution		Gobos: Outside diameter: 27 mm Image diameter: max. 23 mm	
Effectwheel: rotating and indexable effectwheel different designs interchangeable		Control: Protocol: USITT DMX 512 DMX-Channels: 24 channel basic-mode / 33 channel extended-mode	
Iris: high-speed iris 100%-4% (aperture time 0,2 sec) 16 bit resolution		Musiccontrol: internal microphone, master-slave function, gobo-, colorchange and shutter control with music by DMX or automatic	Installation: <ul style="list-style-type: none">- 4 x M 10 inserted nut to mount a clamp or half-coupler- 2 x omega-adapter with quick lock system to mount a clamp or half-coupler- Any orientation Power consumption: <ul style="list-style-type: none">- 100-240 V/50-60 Hz 700 W Included items: <ul style="list-style-type: none">- 1 x powercon mains cord- 2 x omega bracket with quick lock system- 11 x spare gobos- 1 x document box
		Fancontrol: by DMX or automatic	
		Lamp on/off: by DMX or automatic	
		Control panel: <ul style="list-style-type: none">- Easy DMX address setting- Operation hour meter- Lamp hour meter	

CHANNELS																								
%	1 PAN HIGH BYTE	2 PAN LOW BYTE	3 TILT HIGH BYTE	4 TILT LOW BYTE	5 COLOR 1	6 CYAN	7 MAGENTA	8 YELLOW	9 GOBO 1	10 GOBO 1 ROTATION	11 GOBO 2	12 SHUTTER	13 DIMMER	14 FOCUS	15 ZOOM	16 FROST	17 PRISMA	18 IRIS	19 CTO	20 EFFECT WHEEL	21 EFFECT WHEEL ROT	22 SPECIAL FUNCTION	23 MOVE- MENT	24 SPEED PAN/TILT
100%																						RESET		
75%																								
50%																								
25%																								
0%																								

Ypoc 575 Pro

Ypoc 575 Pro



spot

Source: Lamp: CSR 575/SS/DE/75 GE/750h MSR 575 SA/2 DE Philips/500h Color temp.: 7500k GE, 7500k Philips Luminous flux: 43.000 lm	Shutter: mechanical high-speed shutter 0-10Hz	Manual control of all functions DMX-Input value readout
Electronic Ballast: 100-240 V/50-60 Hz 700 W	Other effects: Laser: 4,5 mW laserdiode with DMX control	Programming: Internal movements Separate speed for Pan/Tilt Random strobe pulse effect colorchaser goboshake Master-Slave function Audiomode with different zeroposition and different sizes When the DMX-signal is lost the audiomode will be switched on automatically if required (especially for clubs)
Weight and dimension: Dim / Weight: 375 x 430 x 450 mm / 19,0 kg	Optical system: Projection angle: 15° (optional 18°) High quality, coated Condensor optic: high light output with an even lightbeam	Installation: 4 x M 10 inserted nut to mount a clamp or half-coupler 2 x omega-adaptr with quick lock system to mount a clamp or half-coupler Any orientation
Electromechanical effects: Pan: 540° 16bit (position feedback) Tilt: 280° 16bit (position feedback) Gobowheel 1: 7 rotating and positionable gobos + open 4 glass gobos, 3 metal gobos, NEW; Quick-Snap-System for an easy gobo exchange 9 static metal gobos + open all gobos interchangeable Gobowheel 2: 11 dichroic colorfilter + white, 12 bicolours slow rotation to fast rainbowneffekt Colorwheel: 11 dichroic colorfilter + white, 12 bicolours slow rotation to fast rainbowneffekt Iris: high-speed iris 100%-4% (aperature time 0,2 sec) Focus: 2 m - infinity (motorized) Prism: rotating and positionable 3-facet prism slow to very fast rotation Dimmer: mechanical dimmer 0-100%	Gobos: Outside diameter: 27 mm Image diameter: max. 23 mm	Included items: 1 x powercon mains cord 2 x omega bracket with quick lock system 11 x spare gobos + 1x glass effect gobo 1 x document box 1 x spare parts box
	Control: Protocol: USITT DMX 512 DMX-Channels: 16 Musiccontrol: internal microphone, master-slave function, gobo-, colorchange and shutter control with music Fancontrol: by DMX or automatic Lamp on/off: by DMX or automatic	
	User board: Easy DMX address setting Operation hour meter Lamp hour meter Temperaturecontrol Testmode, Audiomode	

CHANNELS																
%	1 PAN HIGH BYTE	2 PAN LOW BYTE	3 TILT HIGH BYTE	4 TILT LOW BYTE	5 COLOR 1	6 GOBO 1	7 GOBO 1 ROTATION	8 GOBO 2	9 SHUTTER	10 DIMMER	11 FOCUS	12 PRISMA	13 IRIS	14 SPECIAL FUNCTION LASER	15 MOVE- MENT	16 SPEED PAN/TILT
100%	<div>↔</div>	<div>↔</div>	<div>↕</div>	<div>↕</div>					<div>Open</div>					<div>Reset</div>		
75%																
50%																
25%																
0%									<div>Closed</div>							

Ypoc 575



spot

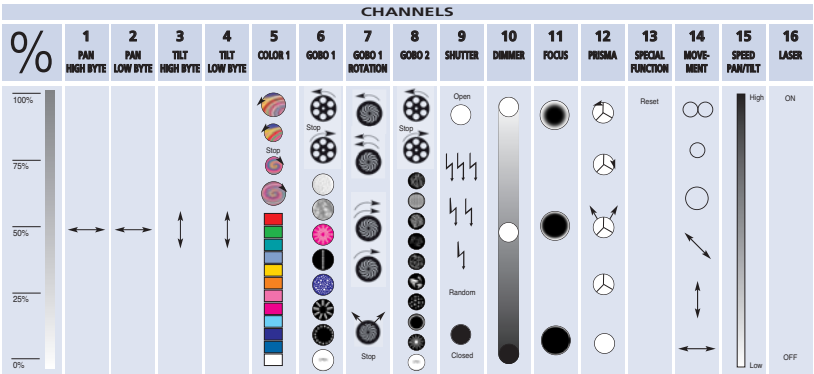
- Lamp: CSR 575/SS/DE/75 GE/750h
MSR 575 SA/2 DE Philips/500h
- Pan: 540° 16bit (position feedback)
- Tilt: 280° 16bit (position feedback)
- Gobowheel 1: 7 rotating and positionable gobos + open
4 glass gobos, 3 metal gobos, Quick-Snap-System for an easy gobo exchange
- Gobowheel 2: 9 static metal gobos + open
all gobos interchangeable
- Colorwheel: 11 dichroic colorfilter + white, 12 bicolours
slow rotation to fast rainboweffect
- Focus: 2 m - infinity (motorized)
- Prism: rotating and positionable 3-facet prism
slow to very fast rotation
- Dimmer: mechanical dimmer 0-100%
- Shutter: mechanical high-speed shutter 0-10Hz
- Laser: 4,5 mW laserdiode with DMX control
- Projection angle: 15° (optional 18°)
High quality, coated
- Condensor optic: high light output with an even lightbeam
- Gobo diameter: 27 mm
- Image diameter: max. 23 mm
- Protocol: USITT DMX 512
- DMX-Channels: 16
- Musiccontrol: internal microphone, master-slave
function, gobo-, colorchange and
shutter control
with music
- Fancontrol: by DMX or automatic
- Lamp on/off: by DMX or automatic

Easy DMX address setting
Operation hour meter
Lamp hour meter
Temperaturecontrol
Testmode, Audiomode
Manual control of all functions
DMX-Input value readout

Programming:
Internal movements
Separate speed for Pan/Tilt
Random strobe, pulse effect, colorchaser, goboshake
Master-Slave function
Audiomode with different zeroposition and different sizes
When the DMX-signal is lost the audiomode will be switched
on automatically if required (especially for clubs)

Installation:
4 x M 10 inserted nut to mount a clamp or half-coupler
2 x omega-bracket with quick lock system to mount a clamp
or half-coupler
Any orientation

Included items:
2 x omega-adapter with quick lock system
11 x spare gobos + 1x glass effect gobo
1 x document box
1 x spare parts box



Ypoc 575 Color



wash

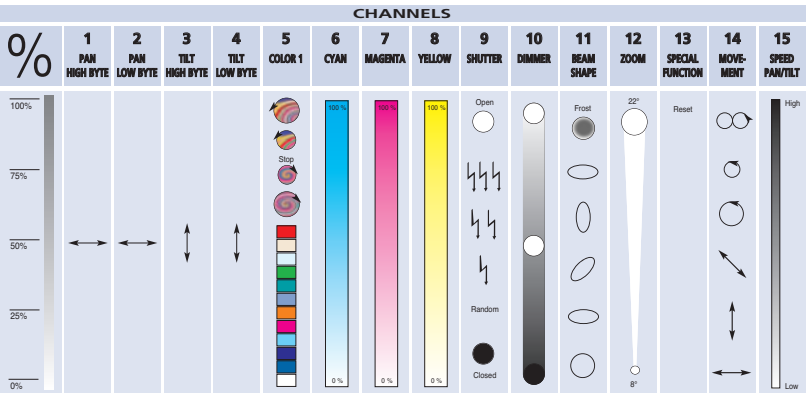
- Source: CSR 575/SS/DE/75 GE/750h
MSR 575 SA/2 DE Philips/500h
- Pan: 540° 16bit (position feedback)
- Tilt: 280° 16bit (position feedback)
- CMY color: cyan filter 0-100%
magenta filter 0-100%
yellow filter 0-100%
- Colorwheel: 9 dichroic colorfilter + 2 CTC-filters
3300k/5600k + white
slow rotation to fast rainboweffect
- Effectwheel: beamshape 180° continuously variable
Frostfilter
- Zoom: 8'-22' motorized adjustable
- Dimmer: mechanical dimmer 0-100%
- Shutter: mechanical high-speed shutter 0-10Hz
- Projection angle: 8'-22' motorized adjustable
- Fresnel lens: 150mm diameter
- Optics: glassreflector for high light output
and an even lightbeam
- Protocol: USITT DMX 512
- DMX-Channels: 15
- Musiccontrol: internal microphone, master-slave
function, colorchange and shutter
control with music
- Fancontrol: by DMX or automatic
- Lamp on/off: by DMX or automatic

Easy DMX address setting
Operation hour meter
Lamp hour meter
Temperaturecontrol
Testmode
Audiomode
Manual control of all functions
DMX-Input value readout

Programming:
Internal movements
Separate speed for Pan/Tilt
Random strobe
pulse effect, colorchaser
Master-Slave function
Audiomode with different zeroposition and different sizes
When the DMX-signal is lost the audiomode will be switched
on automatically if required (especially for clubs)

Installation:
4 x M 10 inserted nut to mount a clamp or half-coupler
2 x omega-adapter with quick lock system to mount a clamp
or half-coupler
Any orientation

Included items:
1 x powercon mains cord
2 x omega bracket with quick lock system
1 x document box
1 x spare parts box



Ypoc 250 Pro



spot

Ypoc 250 Pro

Source:		Other effects:		Programming:	
Lamp:	MSD 250/2 Philips/2000h CSD 250/2/SE GE/2000h	Laser:	4,5 mW laserdiode with DMX control	Internal movements Separate speed for Pan/Tilt Random strobe pulse effect colorchaser goboshake Master-Slave function Audiomode with different zeroposition and different sizes When the DMX-signal is lost the audiomode will be switched on automatically if required (especially for clubs)	
Color temperature:	8500k Philips, 8500k GE	Optical system:		Installation:	
Luminous flux:	18.000lm Philips, 18.000lm GE	Projection angle:	15° (optional 18°)	4 x M 10 inserted nut to mount a clamp or half-coupler 2 x mounting plates for wall mounting 2 x omega-bracket with quick lock system to mount a clamp or half-coupler Any orientation	
Weight and dimension:		condensor optics:	high light output with an even lightbeam	Power consumption:	
Dim / Weight:	375 x 430 x 450 mm / 21,5 kg	Gobos:		- 230 V/50 Hz 400 W	
Electromechanical effects:		Outside diameter:	27 mm	Included items:	
Pan:	540° 16bit (position feedback)	Image diameter:	max. 23 mm	2 x mountingplate for wall mounting 2 x omega-adapter with quick lock system 3 x spare gobos 1 x document box 1 x spare parts box	
Tilt:	280° 16bit (position feedback)	Control:			
Gobowheel 1:	6 rotating and positionable gobos + open 2 glass gobos, 4 metal gobos, all gobos interchangeable	Protocol:	USITT DMX 512		
Gobowheel 2:	9 feststehende Gobos + offen alle Gobos wechselbar	DMX-Channels:	16		
Colorwheel:	11 dichroic colorfilter + white, 12 bicolors slow rotation to fast rainbowedeffekt	Musiccontrol:	internal microphone, master-slave function, gobo-, colorchange and shutter control with music by DMX or automatic		
Iris:	high-speed iris 100%-4% (aperature time 0,2 sec)	Lamp on/off:			
Focus:	2 m - infinity (motorized)	User board:			
Prism:	rotating and positionable 3-facet prism slow to very fast rotation	Easy DMX address setting Operation hour meter Lamp hour meter Temperaturecontrol Testmode Audiomode Manual control of all functions DMX-Input value readout			
Dimmer:	mechanical dimmer 0-100%				
Shutter:	mechanical high-speed shutter 0-10Hz				

CHANNELS																
%	1 PAN HIGH BYTE	2 PAN LOW BYTE	3 TILT HIGH BYTE	4 TILT LOW BYTE	5 COLOR 1	6 GOBO 1	7 GOBO 1 ROTATION	8 GOBO 2	9 SHUTTER	10 DIMMER	11 FOCUS	12 PRISMA	13 IRIS	14 SPECIAL FUNCTION LASER	15 MOVE- MENT	16 SPEED PAN/TILT
100%									Open					Reset		
75%																
50%																
25%																
0%									Closed							

Ypoc 250

Ypoc 250 Color+



spot

- Lamp:MSD 250/2 Philips/2000h
CSD 250/2/SE GE/2000h
- Pan:540° 16bit (position feedback)
- Tilt:280° 16bit (position feedback)
- Gobowheel:6 rotating and positionable gobos + open
2 glass gobos, 4 metal gobos,
all gobos interchangeable
- Colorwheel:11 dichroic colorfilter + white, 12 bicolors
slow rotation to fast rainbowedffekt
- Focus:2 m - infinity (motorized)
- Prism:rotating and positionable 3-facet prism
slow to very fast rotation
- Dimmer:mechanical dimmer 0-100%
- Shutter:mechanical high-speed shutter 0-10Hz
- Laser:4,5 mW laserdiode with DMX control
- Projection angle:15° (optional 18°), High quality, coated
condensor optics: high light output with an even lightbeam
- Gobos diameter:27 mm
- Image diameter:max. 23 mm
- Protocol:USITT DMX 512
- DMX-Channels:15
- Musiccontrol:internal microphone, master-slave
function, gobo-, colorchange and shutter
control with music
- Lamp on/off:by DMX or automatic

Easy DMX address setting
Operation hour meter
Lamp hour meter
Temperaturecontrol
Testmode, Audiomode
Manual control of all functions
DMX-Input value readout

Programming:
Internal movements
Separate speed for Pan/Tilt
Random strobe, pulse effect, colorchaser, goboshake
Master-Slave function
Audiomode with different zeroposition and different sizes
When the DMX-signal is lost the audiomode will be switched
on automatically if required (especially for clubs)

Installation:
4 x M 10 inserted nut to mount a clamp or half-coupler
2 x mounting plates for wall mounting
Any orientation

Included items:
2 x mountingplate for wall mounting
3 x spare gobos
1 x document box
1 x spare parts box

CHANNELS															
%	1 PAN HIGH BYTE	2 PAN LOW BYTE	3 TILT HIGH BYTE	4 TILT LOW BYTE	5 COLOR 1	6 GOBO	7 GOBO ROTATION	8 PRISMA	9 SHUTTER	10 DIMMER	11 FOCUS	12 SPECIAL FUNCTION	13 MOVE- MENT	14 SPEED PAN/TILT	15 LASER
100%									Open			Reset			ON
75%															
50%															
25%															
0%									Closed						OFF



wash

- Lamp:MSD 250/2 Philips/2000h
CSD 250/2/SE GE/2000h
- Pan:540° 16bit (position feedback)
- Tilt:280° 16bit (position feedback)
- CMY color:cyan filter 0-100%
magenta filter 0-100%
yellow filter 0-100%
- Colorwheel:9 dichroic colorfilter + 2 CTC-filters
3300k/5600k + white
slow rotation to fast rainbowedffekt
- Effectwheel:beamsshape 180° continuously variable
frostfilter
- Dimmer:mechanical dimmer 0-100%
- Shutter:mechanical high-speed shutter 0-10Hz
- Projection angle:8°-22° manually adjustable at the outside
of the fixture
- Fresnel lens:150mm diameter
- Optics:aluminiumreflector for high light output
and an even lightbeam
- Protocol:USITT DMX 512
- DMX-Channels:14
- Musiccontrol:internal microphone, master-slave
function, gobo-, colorchange and shutter
control with music
- Lamp on/off:by DMX or automatic

Easy DMX address setting
Operation hour meter
Lamp hour meter
Temperaturecontrol
Testmode
Audiomode
Manual control of all functions
DMX-Input value readout

Programming:
Internal movements
Separate speed for Pan/Tilt
Random strobe
pulse effect
colorchaser
Master-Slave function
Audiomode with different zeroposition and different sizes
When the DMX-signal is lost the audiomode will be switched
on automatically if required (especially for clubs)

Installation:
4 x M 10 inserted nut to mount a clamp or half-coupler
2 x omega-bracket with quick lock system to mount
a clamp or half-coupler
2 x mounting plates for wall mounting
Any orientation

Included items:
2 x mountingplate for wall mounting
2 x omega-adaptor with quick lock system
1 x document box
1 x spare parts box























































CHANNELS														
%	1 PAN HIGH BYTE	2 PAN LOW BYTE	3 TILT HIGH BYTE	4 TILT LOW BYTE	5 COLOR 1	6 CYAN	7 MAGENTA	8 YELLOW	9 SHUTTER	10 DIMMER	11 BEAM SHAPE	12 SPECIAL FUNCTION	13 MOVE- MENT	14 SPEED PAN/TILT
100%									Open					
75%														
50%														
25%														
0%									Random					
									Closed					

Patend Light 700



700 MSR lamp 7500K (750 hours duration of life)
Extraordinary High light-output Through a High quality optical components, Regularly ray of light









































DMX 512 Standard
9 Dichroic colors, 10 bi-colors
2 Gobo wheels (1. Gobo wheel: 4 Rotating and positionable Gobos / 2 Fixed Gobos, 2. gobowheel: 4 Rotating Gobos / 1 fixed Gobo and 1 CTC Filter (5600K/3300K)
All Gobos interchangeable (37,5mm/27,5mm picture)
Effectwheel With 2 Rotating prism (3x/5x)
Frost effect
High-speed iris 100%-4% (aperature time of 0,2sec.)
Mechanical Dimmer 0%-100%, Shutter up to 8Hz
Motorfocus
Projection angle 16°
Roto-Head technic (2 x 360° without any stop)
1 Round per 8 minutes minimum speed
7 Rounds per 1 second maximum speed
Easy set of DMX-adress, Lamp hour meter
Operation hour meter, Incl. a test program
Two temperature controllers
Dimensions: 596 x 474 x 395mm
Weight 42 kg

CHANNELS																	
%	1 PAN HIGH BYTE	2 PAN LOW BYTE	3 TILT HIGH BYTE	4 TILT LOW BYTE	5 SPEED HEAD	6 SPEED MINIORM	7 SPECIAL FUNCTION	8 COLOR	9 GOBO 1	10 SHUTTER	11 GOBO 1 ROTATION	12 IRIS	13 FOCUS	14 GOBO 2	15 GOBO 2 ROTATION	16 PRISMA	17 DIMMER
100%					High	High	Reset										
75%																	
50%																	
25%																	
0%					Low	Low											

Mini Patend 150



HSD 150/70 3000h/7000k (Osram) or
CDM/SA-T 150W 6000h/4200k (Philips)
“Roto head technic” without any mechanic stops
Positioning Pan / Tilt 360°
Maximum Head-speed 4 rounds per second
Maximum Tilt-speed 4 rounds per second
19 Dichroic colors + white
19 Gobos + open
Shutter
Dimmer
Motor focus
Noiseless and regulated fan
DMX addressing via alphanumeric display
Sound to light function
Music controlled
Stand alone function
DMX 512 Standard
Dimension: 425 x 285 x 290mm
Weight: 11kg

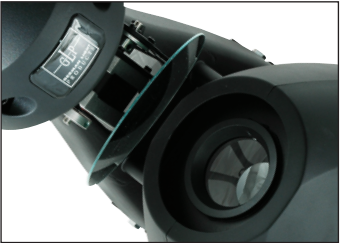
CHANNELS													
%	1 PAN HIGH BYTE	2 PAN LOW BYTE	3 TILT HIGH BYTE	4 TILT LOW BYTE	5 PAN ROTATION	6 TILT ROTATION	7 COLOR	8 GOBO	9 SHUTTER	10 FOCUS	11 SPEED	12 MOVE- MENT	13 SPECIAL FUNCTION
100%									Open 				Reset
75%													
50%													
25%													
0%									Closed 				

Junior Scan 2



Discharge lamp HSD 150/70 3000h/7000k (Osram) or CDM/SA-T 150W 6000h/4200k (Philips)
15 Dichroic colors + white
2 Multicolor effects
Rainbow effect
19 Gobos
High speed shutter (14Hz)
laserdiode 4,5mW (postional with mirror)
Focus
Projection angle 16°
Pan 230° / Tilt 110°
Futuristic design
Noiseless axial fan
Stand alone function
Easy DMX addressing via display
DMX 512 Standard
Dimension: 535 x 305 x 210mm
Weight: 7,5 kg

CHANNELS								
%	1 PAN	2 TILT	3 COLOR	4 GOBO	5 SHUTTER	6 SPEED PAN/TILT	7 MOVE- MENT	8 LASER
100%			Stop	Stop	Open	High	ON	Reset
75%			Stop	Stop	High			
50%					High			
25%					Random			
0%					Closed	Low	OFF	



Startube 4 HiRes



Startube 4 HiRes

The Startube 4 HiRes is a fluorescent tube lighting concept especially made for TV, Theatres and other applications where a very smooth dimming has a high priority - also in the dimming area of 0-10%. In this dimming area most of fluorescent tube lighting products cannot meet the requirements from real professional users - but the Startube 4 HiRes can indeed.

Compatibility with the startube 4 is given by the choice in between the original startube 4 dimmer curve and the new one being much smoother in the lower range of dimming. In addition you have the possibility of switching the fixture from the preheat-switching seven-channel mode to the old four channel compatibility-mode.

By using additive color mixing and high resolution dimming, a uniform light distribution is achieved with an extremely high light output. The fixture is offering a very fast response, making it suitable for fast chasers and strobe-like effects. Each of the 4 tubes is individually controlled by a DMX512 channel. The start address of the fixture is easily adjusted by a set of buttons beneath the LED display. The fourth tube is used to boost the white brightness. Of course it is possible to replace the white tube for another color to optimize the light output to your needs.

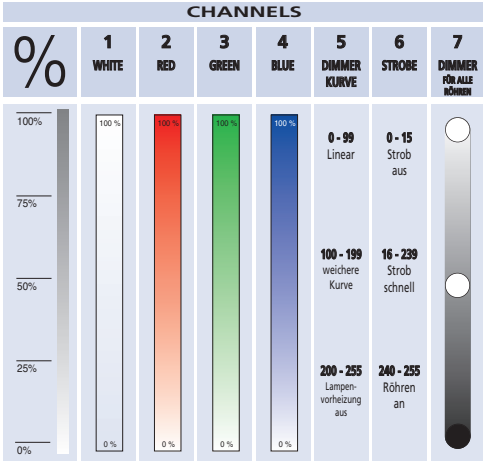
An important feature is the locking single plug connection system making installation quick and easy. Thanks to an optimal power

factor correction, the power consumption is low enough to connect up to 15 startube 4 HiRes to an 16A outlet via a startube 4 splitter.

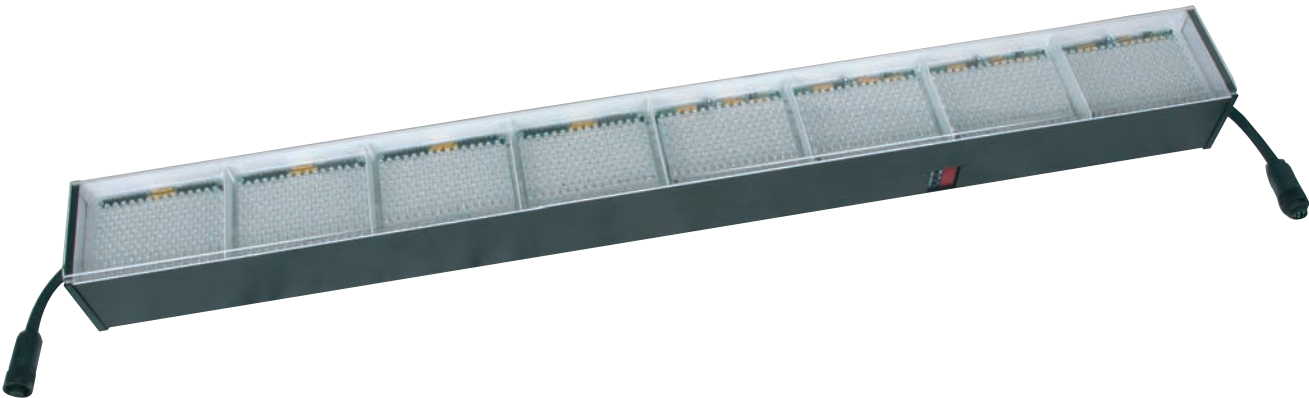
Integrated M10 threads for clamps, a camlock quick fix system, a mounting hole for a safety wire and the detachable floor stands simplify handling in touring use.

The housing of the startube 4 makes it possible to seamlessly stack the fixture in any direction to assemble large lighting panels. 1m, 2m, 5m, 10m and 20m extension cables are available as an accessory.

The system is available in: 4 x 36W T8 fluorescent tubes colored red, green, blue and white. The integrated 16 bit high resolution control electronics with its smooth and continuous dimming in a full 0-100% range and the switchable preheat of the tubes predestine the startube 4 HiRes for use in theaters and other dark area applications.



Startube LED



An incredible color variety can be reached with its 1680 high performance LEDs, divided into 8 segments. Smooth pastel colors, biting green or a warm red color tone - the startube LED will realize all color requirements!

Like all the products of the startube series, a very big point is that the tubes can be assembled into very large lighting panels without any gaps between.

1680 high performance LEDs
RGB - color mixing
DMX-512 control
Compact case
camloc - quick fix system
Fixtures connected by multicore cable
LED display for DMX start address
Dimension: 1290x133x161mm
Weight: 11kg

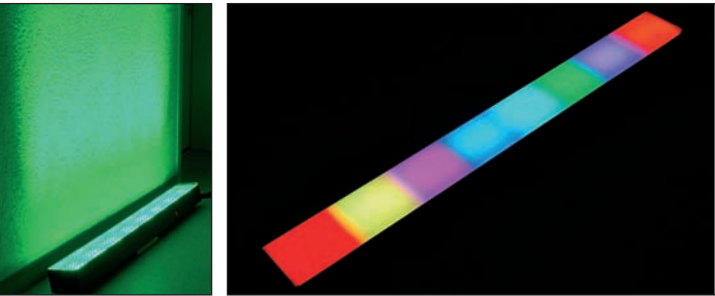
Controlling and powering is made via the looksingle- plug connection.

With this features, the startube LED is very usable for stage, theatre or clublighting. 2 different modes are available for controlling, which can be very easily adjusted via a Led Display: 24 channel RGB or 3 channel RGB . 2 Versions are available:

Version 1: Flood 100° projection angle

Version 2: Spot 20° projection angle

For the different application are several accessories available. Plexiglass cover transparent, opaque and with different sizes.





Emanated from an exceptionally lighting art project, in which 12.000 DMX channels are controlled, the ion.system, an RGB-Led-lighting system is applicable for many applications. It is especially qualified for permanent outdoor use thanks an IP-Rate of 65.

The ion.tube, a led tube is available with a length of 1,2m and 2,4m equipped with 10 and 20 LED-Pixels respectively. The single pixels correspond to a single color lighting point. Outstanding bright animations can be realized with 3 Watt per pixel and a 16- Bit dimming resolution.

The controlling can conventionally be realized via USITT DMX512, whereas every single pixel needs 3 DMX channels for RGB. Fantastic video effects can be runed and realized as well as amazing big installations can be controlled in real time via the ion.control.one drive unit.

ion.tube

pixel distance: 12 cm
Power: 3W per pixel
Lifetime: 100.000 h
tube length: 1,2m with 10 pixels
2,4m with 20 pixels
weight: 1 kg/m
pixel: max. 320 pixel / splitter
Protocol: USITT DMX 512
IP65



ion.control.pc

ion.control.pc is a user friendly Windows® software for the creation of complex scenes and shows for matrix-oriented lighting.

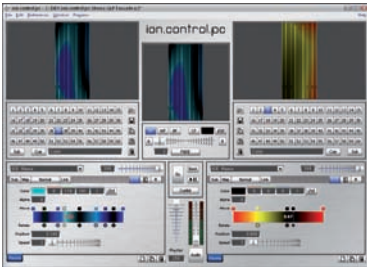
Product:
ion.control.pc / Version 1.x
Lighting Controller Software
Sound to Light control

Advantages:
intuitive graphical user interface
simple handling, fast arrangement of effects
simple matrix controlling
effects and matrix parameters scale automatically
Sound to Light: every audio signal is analysed in real-time, more than audio-control, the music controls the light, the mood of the music is represented

Operating range:
architectural lighting
on stage, concerts, events, disco,
salesrooms, bars

Features:
control of Ion.tube, Startube LED,
Startube 4 via Ion.control.one.
1024 DMX channels
2048 channels ion.protocol
further universes optionally
2 effect pipelines
2 x 50 storages for effects
layer technology

static light effects as: color, colorfade,
bitmaps, ticker
dynamic effects by audio-control
manage of color palettes
3 x 2D real-time viewer (effect pipeline
A, B and DMX output)
X-fade, white-fade, black-fade, color-fade
and auto-fade function
playlist / cue list with time control
load and save of all preferences (setups,
color palettes, effects ...)



ion.control.one

- 2 DMX universes 1024 channels
- ion.protocol 2048 channels
- 60 storages can be controlled direct
- 8 storages via analog input (0-10V)
- 8 storages via digital input (5V)
- USB input
- graphical display
- 8MB flash memory



ion.supply

Power and data supply for up to
16 ion.tube 240cm or up to 32 ion.tube 120cm.





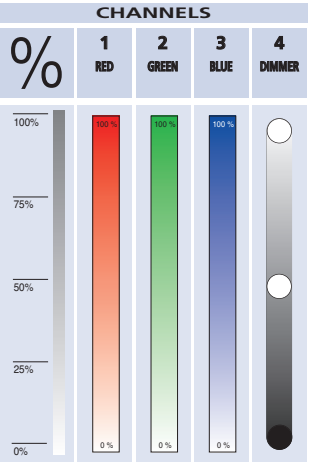
The ion.spot rgb broadens the ion.system product range with a compact spotlight made for architectural lighting purposes using the newest LED technology. The internal colour mixing avoids any non intended lighting effects and the perception of the basic color-rings in the projected beam.

A high performance Lamina Titan® module with a total power of 40 watts is used as light source. Besides the standard version with

RGB colour mixing, a cold or warm white version is available too. A special engineered switching power supply gives the ion.spot its compact and fanless construction.

A interchangeable optics exists is available in 20°, 30°, and 45° and allows different size applications using the basic unit. The solid aluminium housing is made according to your request in all anodising colours.

interchangeable optics for a lighting angle of 20°/30°/45°
internal colour mixing, no corona effect, no apparent basic colours
robust and corrosion resistant aluminium housing, available in different colours
available as cold and warm white version too
IP65
LED display for DMX address setup
Power Factor Correction
Power supplier 100-240 Vac 50/60Hz
Power input 40VA
Connection through net + 2 DMX lines or multicore
Large controls possibilities: 8/16bit light output control, internal basic colours, strobe effect
Sizes: 200 mm x 165 mm x 130 mm
Weight: 1.9 kg
Color: black, silver, red, green blue





With the Creation it is now possible to control large setups in a very simple way. The console disposes of a 533-MHz-CPU and works with a LINUX operating system. It controls up to 2.048 DMX channels that can arbitrarily be distributed on any DMX device or dimmer, and entirely works with a 16 bit resolution. 10 fader units, 1 master fader, 64 multifunctional buttons, 4 encoder wheels and 4 LC displays are available to program and control a show. The buttons are equipped with a LED backlight. All crucial dates appear on the integrated touch-screen. Additionally it is possible to attach an external VGA Monitor, an USB Keyboard and a Trackball. The programming concept of console is powerful and easy to

understand, so that it fits the demands of professional users as well as beginners. The user is supported by many useful tools, which make it easier to use the Lighting equipment optimally. For instance there is a comprehensive Fanning Engine, which allows to edit DMX-Values, Timing Parameters, and individual Delay- and Fadetimes. The moving lights- functions can be quickly and easily programmed with the integrated effects generator. The multifunctional buttons are arbitrarily programmable and allows for a direct access to the assigned lighting fixtures. Thereby 4 buttons groups are at your disposal to gain a better overview for the control of the fixtures. The selective storage of the con-

nected DMX devices- functions makes it possible to enlarge or replace the function of particular elements. Easy Data-Backup to USB memory stick. Finally it is possible to operate the desk in a Network-Mode, which means that several users can simultaneously access all functions. All DMX channels can be sent via ArtNet. The creation console offers MIDI, Sound and DMX Inputs. The MIDI assignment can be set up freely. Timecode control is done by MTC (MIDI Timecode). The DMX Input can be mixed into one of the Outputs (HTP) or being used as Remote Input for the 100 virtual Faders of the creation.

2048 DMX channels sent by DMX and ArtNet
Up to 320 fixtures with up to 248 DMX channels per device
Desk operates fully 16bit for maximum precision
Easy show setup
Powerful fixture library editor including virtual functions
Easy fixture setup and patching
Function based storage enabling later repatch or even replacement of fixtures by another type
Fully selective programming concept including selective presets, chasers and cues
Linking of chaser on effects, chasers and multi chasers as well as macros
Powerful chaser options including tracking, HTP/LTP, looping, release if overridden and a lot of trigger options

No limitation on the number or type (HTP/LTP) of simultaneously running chaser/scene/cues/effects
Powerful and comprehensive effect generator which can operate on any function
20 pages with 10 hardware faderunits which may be connected dynamically to almost any function including chaser dimmer,group submaster, fixture submaster, master dimmer, effect speed, effect size or chaser infade (crossfade all parameters)
Group subselection (Even, Odd, First/Next, Last, ...)
Recording of Macros supported
Comprehensive fanning engine
Keypad for fast programming
Completely live programmable

Backup to USB memory stick
Master/slave network mode
Hardware
Built-in touch screen with 4 encoder wheels
4 LC displays
166 buttons with LED backlight
10 fader units + Master Fader
MIDI, DMX and sound input
Support for external VGA screen
533MHz industrial PC running on embedded GLP Linux
Bootup in 15s
No mechanical parts inside (no fan, no harddisk)
Autoranging mains input (100 240V / 50-60 Hz)
weight: 16 kg; 14,5 without frame
dimension: 685X450X135; 608X425X135 without frame

Scan Operator FX



The Scan Operator FX is the new DMX lighting controller expanding GLPs Scan Operator range. It incorporates all functionalities of the Scan Operator Advanced plus some very powerful new features combined with a unique new design. The hardware and software developed by GLP are the guaranty for a reliable and stable operation.

The Scan Operator FX includes a new powerful Effects Engine capable of generating automatically 12 different movement patterns (e.g. circle, sinus waves, triangle, random, ...) which can be save in up to 240 cues. All these movement patterns can be configured in type, speed, size and phase. It also features a special function to create different

kinds of wave patterns by altering the phase of every fixtures movement accordingly. The created effects are added to the channels which have been marked as Pan/Tilt for each fixture.

The controller has 6 selective Overlay Scenes with own hotkeys: each Overlay Scene can be set up to replace DMX output values for a subset of selected channels. This can be used for example for dynamically strobe, blinder, color changes that will be applied to current chasers or programs.

Another new feature is the Autostart Mode which enables the user to save the current Playback state into flash memory. The saved state will automatically be restored when the

system powers up. The controller also features a desklock to prevent unauthorized access. The Scan Operator FX is the ideal tool when an automatic start or the operation without surveillance is required. Further on the Scan operator FX offers large live control possibilities that are perfect for a use in small clubs and discotheques. The fast reactions of the Midi operation give the musicians and DJs the possibility to control a light show using their midi synthesizer or keyboards. The detailed user manual and the easy and logical control of the unit give the possibility to each newcomer to program a light show in a very short time.

- Controls up to 12 different movinglights with up to 16 channels each resulting in a total number of 192 Controllable DMX Channels
- Up to 240 Scene Memories (30 banks with each 8 storage spaces)
- 6 Chasers with a maximum of 250 steps each
- Supports a wide variety of trigger options like Manual Go, Auto Trigger, Tapsync or Music Trigger with an adjustable digital filter
- Powerful Effects Engine
 - 12 different movement patterns (circle, sinus wave, sawtooth, triangle, ...)
 - Effects are configurable in type, size, speed and phase
 - „Create Wave“ button easily creates different kind of wave patterns
 - „Randomize“ function easily creates asymmetric movement patterns
 - the created effects are added to the channels which have been marked as Pan/Tilt for each fixture.
 - Quick calculation resulting in very smooth movements

- 6 free programmable and selective overlay scene that can be set up to replace DMX output values for a subset of selected channels
- Desklock Function
- Autostart Mode which is capable of recalling a saved Playback state on power on. It restores:
 - The last played Bank and Scene
 - The selected trigger function (Music, Auto, Manual)
 - The trigger parameters
 - The Fadetime
 - Any selected overlay
 - Any running chaser
- Desklock can be turn on by starting
- Blackout is completely configurable.
- Wide Midi Support:
 - Midi Synthesizer operation
 - Keyboard Mode optimized for live performance
 - Control of many playback functions such as banks, chaser, black out, master, overlays, freeze, auto tact, music tact, tap-sync, ...
 - Midi channel is adjustable

- Quick reaction on midi instruction
- Fadetime Reaction can be enabled/disabled for each channel individually
- Each DMX channel can be individually inverted
- DMX Freeze Function
- Easy Mode which simulates a simple 120 channel fader unit to test DMX end units or to be used as fader unit for bigger controller
- Data can be transferred from/to every other Scan Operator FX or Advanced.
- Clear arrangement of the user interface with LCD display
- 3-pol XLR Desklamp Connector (12V/5W)
- Power fail safe memory
- Dimensions (without frame): 19" at 4HU (176mm)
- Removable Frame, 19" bracket is delivered
- Power input DC 12 V, 1 A
- Weight: 3.5kg

Show Designer 1 Pro



- DMX 512 channels

Pan/Tilt control via joystick

Programming of all functions via fader and jogwheel

1024 Scenes, 256 Chaser, 256 Shows

All functions MIDI controlled

Audio-control and beat switch
- Fade and Chase time to feed in scenes and program steps

Updates and backup via PC

Outlet for mouse and trackball for Pan/Tilt

Weight: 3,6kg

Dimension: 19" / 3HE / 115mm Einbautiefe

Scan Operator 12 PT Advanced



- 240 Scenes

6 Chase-programs with up to 240 steps

30 Bank with 8 free programmable scene

DMX Channel adjustment via

8 fader with bank switch

Jog wheels for pan / tilt adjustment

Reverse for pan / tilt

Adjustable speed time of the scenes

Tap-sync function
- Music control via build-in microphone

Infinitely variable fade

Master black-out

LCD display

Manual overwrite function

Midi note controlled

All data can be sent or received between two units

Weight: 2,3kg

Dim: 19" / 3 HE 65mm fitting size

Light Operator 24

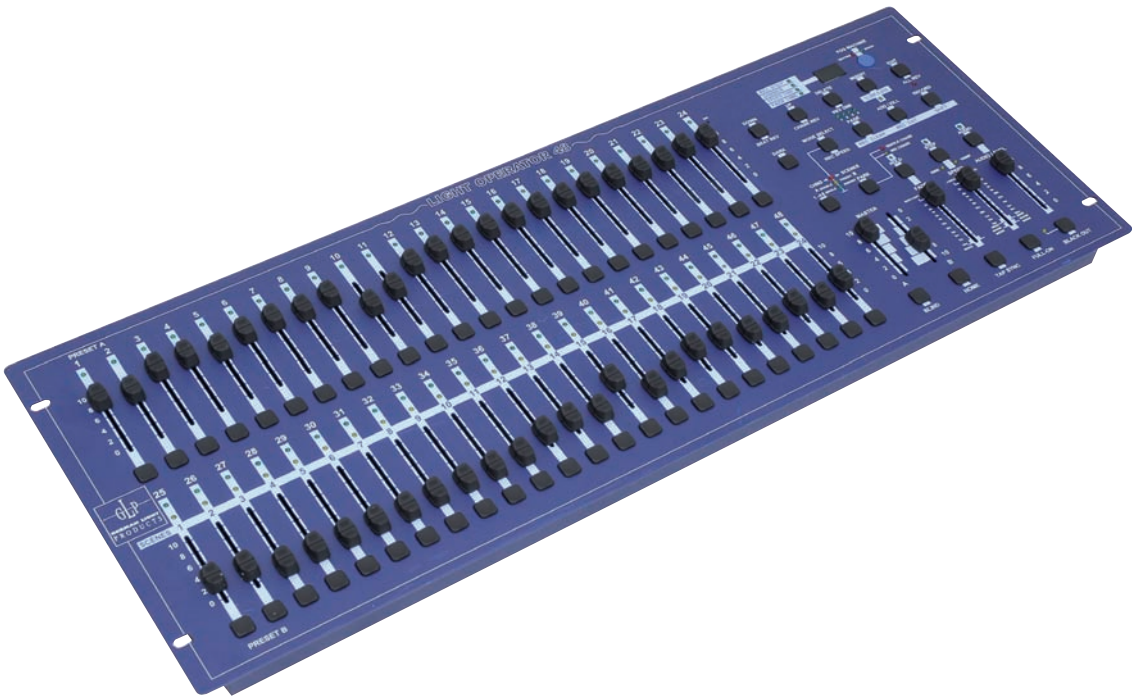


delivery incl. frame

48 Free programmable and direct retrieve programs on four banks
4600 Scenes
DMX 512 Standard
Three working planes
Mix chase, single chase function
Blind-home-function

Speed fade control via fader
Assignable next time
Sound to light via in-built microphone or line in
Black out function
Weight: 4kg
Dim: 19"/ 6HE / 80mm fitting size

Light Operator 48



96 Free programmable and direct retrieve programs on four banks
4600 Scenes
DMX 512 Standard
Three working planes
Mix chase, single chase function
Blind-home-function

Speed fade control via fader
Assignable nexttime
Sound to light via in-built microphone or line in
Black out function
Weight: 6,7kg
Dim: 710mm / 6HE / 80mm fitting size

MDP-1012



- | | |
|--|--|
| Power Input 3x40A (3P+N+PE) | Preheating of the lamps 0-15% |
| 10x12A Power Output (single channel modules) | Memorable chase programs |
| DMX 512, 0V-10V analog, Midi | Fan-cooled |
| Large LCD display | C-Characteristic circuit-breaker |
| DMX Single-Block patch | Weight: 20,5kg, |
| 2 Adjustable function curves | Dimension: 19" / 4 HE / 460mm fitting size |
| Adjustable dimmer and control unit | |

MDP-1012/III



- | | |
|---|--|
| Power input 3x40A (3P+N+PE) | Temperature display (maximum, minimum) |
| 10x12A Power output (single channel module) | Heat control |
| DMX 512, 0V-10V analog, Midi | 24 Programmable scenes |
| LCD Display | 10 Shows |
| Preheat 0%-20% | Test function |
| Max. output level 30% 100% | C-Characteristic circuit-breaker |
| Dimmer curves (linear, square, switch) | Weight: 20,5kg, |
| Master slave mode (dimmer rack operation) | Dimension: 19" / 4 HE / 460mm fitting size |



4way DMX distributor with one input and four output
Absolutely electric isolation between input and output and between output and output
3pin and 5pin connector for every single input and output

Every output has its own independent driver
Input and output with power supply and 50mA internal fuse.
Weight 1,8kg
Dim. 19" / 1HE / 150mm fitting size



PDP-1
Input: 1x CEE-connector 32A with 2m cable
HO7RN-F 5G6 (backside or optional frontside)
Output: 1x CEE-socket 32A (frontside)
1x socket with earthing contact 16A (frontside)
6x socket with earthing contact 16A (backside)
Dimension: 482mm x 235mm x 88mm
Weight : 3,6 kg



PDP-2/16
Input: 1x CEE-connector 16A with 2m cable
HO7RN-F 5G2,5 (backside or optional frontside)
Output: 1x CEE-socket 16A (frontside)
3x socket with earthing contact 16A (frontside)
6x socket with earthing contact 16A (backside)
Dimension: 482mm x 215mm x 88mm
Weight: 3,6 kg



PDP-2/32
Input: 1x CEE-connector 32A with 2m cable
HO7RN-F 5G6 (backside or optional frontside)
Output: 1x CEE-socket 32A (frontside)
3x socket with earthing contact 16A (frontside)
6x socket with earthing contact 16A (backside)
Dimension: 482mm X 235 mm x88mm
Weight 3,6kg

Power Distribution Panel



PDP-3/S
Input: 1x CEE-connector 63A with 2m cable
HO7RN-F 5G16 (backside)
Output: 2x CEE-socket 32A (backside)
2x CEE-socket 16A (backside)
1x socket with earthing contact 16A (frontside)
Dimension: 482mm x 365 mm x 132mm
Weight : 11,5 kg



PDP-3/DFI32
Input: 1x CEE-connector 32A with 2m cable
HO7RN-F 5G6 (backside)
Output: 2x CEE-socket 16A (backside),
across RCOCB 40A, 2x CEE-socket 16A (back-
side)
across RCOCB 40A
Dimension: 482mm x 365 mm x 132mm
Weight: 11,5 kg



PDP-3/DFI63-16
Input: 1x CEE-connector 63A with 2m cable
HO7RN-F 5G16 (backside)
Output: 4x CEE-socket 16A (backside)
across 2x RCOCB 40A
Weight: 11,5kg
Dimension: 482mm x 365mm x 132mm



PDP-3/DFI63
Input: 1x CEE-connector 63A with 2m cable
HO7RN-F 5G16 (backside)
Output: 2x CEE-socket 32A (backside)
across RCOCB 63A
2x CEE-socket 16A (backside)
across RCOCB 40A
Weight: 11,5kg
Dimension: 482mm x 365mm x 132mm

